Postel

RFC 217
NIC 7547
Categories: G.3
Updates: RFC 105, RFC 122
Obsoletes: RFC 74

8 September 71
James E. White
Computer Research Lab.
Univ. of California
Santa Barbara

Received 21 Sept 71

Specification Changes for OLS, RJE/RJOR, and SMFS

The following documents are hereby revised:

(1) 'Specifications for Network Use of the UCSB On-Line System [16 October 70, RFC 74, NIC 5417],

(2) 'Network Specifications for Remote Job Entry and Remote Job Output Retrieval at UCSB' [22 March 71, RFC 105, NIC 5775], and

(3) 'Network Specifications for UCSB's Simple-Minded File System' [26 April 71, RFC 122, NIC 5834].

Revisions are as follows:

(1) As far as can be determined, no Network site has written code to interface to the UCSB software documented in RFC 74 last October. Accordingly, UCSB has terminated support for that software, and hence RFC 74 is obsolete.

(2) In accordance with subsequent Host-Host protocol changes, the notion of 'message type' has been dropped from the specifications for RJE and RJOR, RFC 105. RJE/RJOR no longer send, nor expect to receive 8 bits of zeros as the first byte transmitted over a connection.

(3) In accordance with Document 2, RJE and RJOR now employ a standard ICP to create a full duplex connection to the user. Accordingly, RJE and RJOR listen on sockets x'201' and x'301', respectively (rather than on x'200' and x'300' as before). As documented in RFC 105, RJE required only a simplex connection to the user. A full duplex connection is now supported, but no data is transmitted to the user over the added simplex connection. RJOR now also supports a full duplex connection. However, if RJOR is required to call the user back when a requested job's output is ready, it still does so employing a simplex connection to the user's receive socket.

(4) RJE/RJOR and SMFS specify a byte size of eight for their connection to the user's receive socket. The user may choose the byte size for the other simplex connection to suit himself; any valid byte size is acceptable to UCSB.